

## How to correct Weather Display errors

1. **Recovering WD Configuration – Do this part before you lose configuration**
  - a. For this process to work you need to have the Data Backup turned ON. This is the default setting on recent versions of Weather Display but to check you need to go to:
    - i. **Control Panel → Data Backup → Turn the switch to "ON"**
    - ii. Set the directory (if you want something other than that default).
    - iii. Set the hour that the backup occurs.
    - iv. Place a tick in the box marked "Include the registry entry".
    - v. Click "Back Up Now" if this has not been done before.
  - b. Now the recovery process:
    - i. Close Weather Display and all associated programs
    - ii. Open the main Weather Display program folder and look for a folder called "**databackup**"
    - iii. Open "**databackup**" and look for the folder for the current month, it will be named with the month & year like this: **databackup32017.zip**
    - iv. Un-ZIP this folder and you will find a file called "**WDISPLAY.INI**"
    - v. Copy **WDISPLAY.INI** and paste it into the main Weather Display program folder (**C:\wdisplay**) to replace the corrupted one that's in there
    - vi. Restart Weather Display and it should start normally and download the missing data from your datalogger, if you have it set to do so
    - vii. If WD is still not running correctly, open the file **C:\wdisplay\databackup\wdisplayftp.reg** to execute the registry entries
  
2. **Fixing log files – Directly edit the log file**
  - a. Backup Registry and Initialization files and save them on OneDrive
    - i. **Action → Backup registry entry**
    - ii. Copy the two files (**wdisplayftp.reg** and **wdisplay.ini**) from **C:\wdisplay\databackup** and save them on OneDrive in the top-level folder
  - b. Close Weather Display
  - c. Check for errors in the log file
    - i. The log files are in the **C:\wdisplay\logfiles** folder. For example, for June 2022, its **C:\wdisplay\logfiles\62022lg.txt**
    - ii. Create a folder on your server called "errors"
    - iii. Copy and paste the log file into the "errors" folder on your server:  
<https://myserver.com/errors>
    - iv. Use the Weather Display Log File Checker: <https://www.stella-maris.org.uk/checklogs.php>
    - v. Enter the URL for the file into the Checker: <https://myserver.com/errors/62022lg.txt>
    - vi. If there are errors, open the file in a text editor (e.g., Notepad++) and remove the bad data
    - vii. Copy the file from the errors folder on the server and paste it into **C:\wdisplay\logfiles**
  - d. Restart Weather Display
  - e. Update the corrected log file
    - i. Select **Action → Convert Logfile(s) Data Files (Reset Graphs)**
    - ii. Select the logfile to fix and click **Convert**. That will update the graphs as well. Click OK.
    - iii. Go to **View → Averages/Extremes NOAA Style Reports**

- iv. Recreate the reports you require for the month you are correcting by selecting the tab [Averages/Extremes](#)
- v. Select the date to calculate and click [Update whole month now](#)
- vi. Update the Monthly Data webpage file ([June2022.htm](#)) by selecting the tab [Recreate the Web Av/Ext Page](#)
  - 1. Click [Reset the web page averages/extreme](#) button
  - 2. Click [OK](#) to exit the window
- vii. Update the Climate Data webpage ([climatedataout.html](#)) by selecting the tab [Detailed Climate Report](#)
  - 1. Click [Update month now](#) button to fill-in the missing days
  - 2. Click [OK](#) to exit the window
- viii. Copy the [June2022.htm](#) file from [C:\wdisplay\webfiles](#) to the server:  
<https://myserver.com/web>
- ix. Copy the [climatedataout.html](#) file from [C:\wdisplay\webfiles](#) to the server:  
<https://myserver.com/web>

*Note that you can resurrect the log file for a month if the graph data is good for that month (under [Graph history](#)), by using [Action → Convert Logfile\(s\) Data Files \(Reset Graphs\)](#), but tick, [Convert graph files to log files](#) (and then make sure the correct graph data file is selected (e.g. [month102005.inf](#) for October 2005), then click on [Convert](#) and wait for it to finish: *be patient, it will say finished when done.**

*Once the log file is correct, then the NOAA reports under [View → Averages/Extremes NOAA Style Reports](#) should be OK, and the average/extreme reports can be recreated the from there and re-uploaded.*

### 3. To edit/fix all-time records

- a. [Action → Reset selected all-time records](#) or,
- b. [Action → Enter my own all-time records](#)
- c. Select which one to edit (all time, year to date or month to date)
- d. Click on [Set](#) once you have entered the correct reading (do not enter any units)
- e. Click [Yes](#) to save changes

### 4. Use the graph correct function, under [Setup → Graph setup](#)

- a. Click then hold the left mouse button then release for over the area of the graph to correct
- b. Tick which readings to correct/fix (it sets to the previous good reading)
- c. Click on [Correct](#), then click on [Save](#)
  - i. For data that is more than 12 hours old, use the [> than 12-hour old](#) correction, and use the retrieve button first, and its own save button when done (after repeating the above steps)

### 5. Rain data corrections

- a. Set the correct totals under [Control Panel → Offsets & Initial Rain](#).
- b. Set other months rain totals under [View → Rain in detail](#), but that does not change the rain totals in the log file (the log file also affects the totals under [view, averages/extremes/noaa reports](#)), it just sets the totals for the monthly rain graphs in the rain in detail screen (and same applies for rain for each day of the last 7 days, when setting/resetting there, it only applies to that data on that screen (to correct rain totals for say under view, averages/extreme, then you

need to change the last rain total for the day (i.e. the last entry just before the daily rain total is reset) in the log file (for the appropriate month).

- c. If you have lost your rain totals, then you should be able to find the last good rain total in the log file.

## 6. Fix graphs

- a. On the main menu, click [Setup → Advanced/Misc Settings](#)
- b. In Main Window Customise, tick the Enable Move/Resize of the Objects box, then click OK.
- c. On the main menu, click View, then in the Graph Panel, click Graph History, then resize the graphs.
- d. Close the Graph History window, click OK on the Graph History Real Time window, then click the “X” in the upper right corner of the chart resize window to close the window.
- e. On the main menu, go back to Setup → Advanced/Misc Settings, click the Save changes button, then click OK.

## 7. Windows 11 Power Save Settings

- a. From Windows Start Menu:

[Settings](#) → [System](#) → [Power](#) → [Screen and sleep](#)

When plugged in, turn off my screen after

When plugged in, put my device to sleep after